
OLDHAM COUNTY

(Oldham County Water Service Area Map)

- Estimated 1999 population of 41,100--93% on public water
- Estimated 2020 population of 52,600--93% on public water
- 280 miles of water lines, with plans for 13 additional miles
- Estimated funding needs for public water 2000-2005:\$2,517,000
- Estimated funding needs for public water 2006-2020:\$136,000

Oldham County had an estimated population of 41,143 (14,209 households) in 1999 with a projected population of 52,612 (18,453 households) in 2020. Public water is provided to about 93 percent of the county's residents. In areas of the county not served by public water, slightly fewer than half the households rely on private domestic wells and the remainder relies on other sources. About 30 households will be added to public water service through new line extensions in 2000-2020.

Estimated Costs - Proposed Projects, 2000-2005

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	In \$1000	in \$1000	in \$1000	in \$1000	in \$1000
OLDHAM								-
Oldham County Water District	8	18	463	54			2,000	2,517
OLDHAM COUNTY TOTAL	8	18	463	54			2,000	2,517

Estimated Costs - Proposed Projects, 2006-2020

COUNTY/System		New Customers		Rehab	Source	Treatment	Tanks/ Pumps	Total
	Miles	Number	Cost in \$1000	in \$1000	in \$1000	in \$1000	in \$1000	in \$1000
OLDHAM								-
Oldham County Water District	5	10	136					136
OLDHAM COUNTY TOTAL	5	10	136					136

WATER SERVICE AREAS

OLDHAM COUNTY

Kentucky

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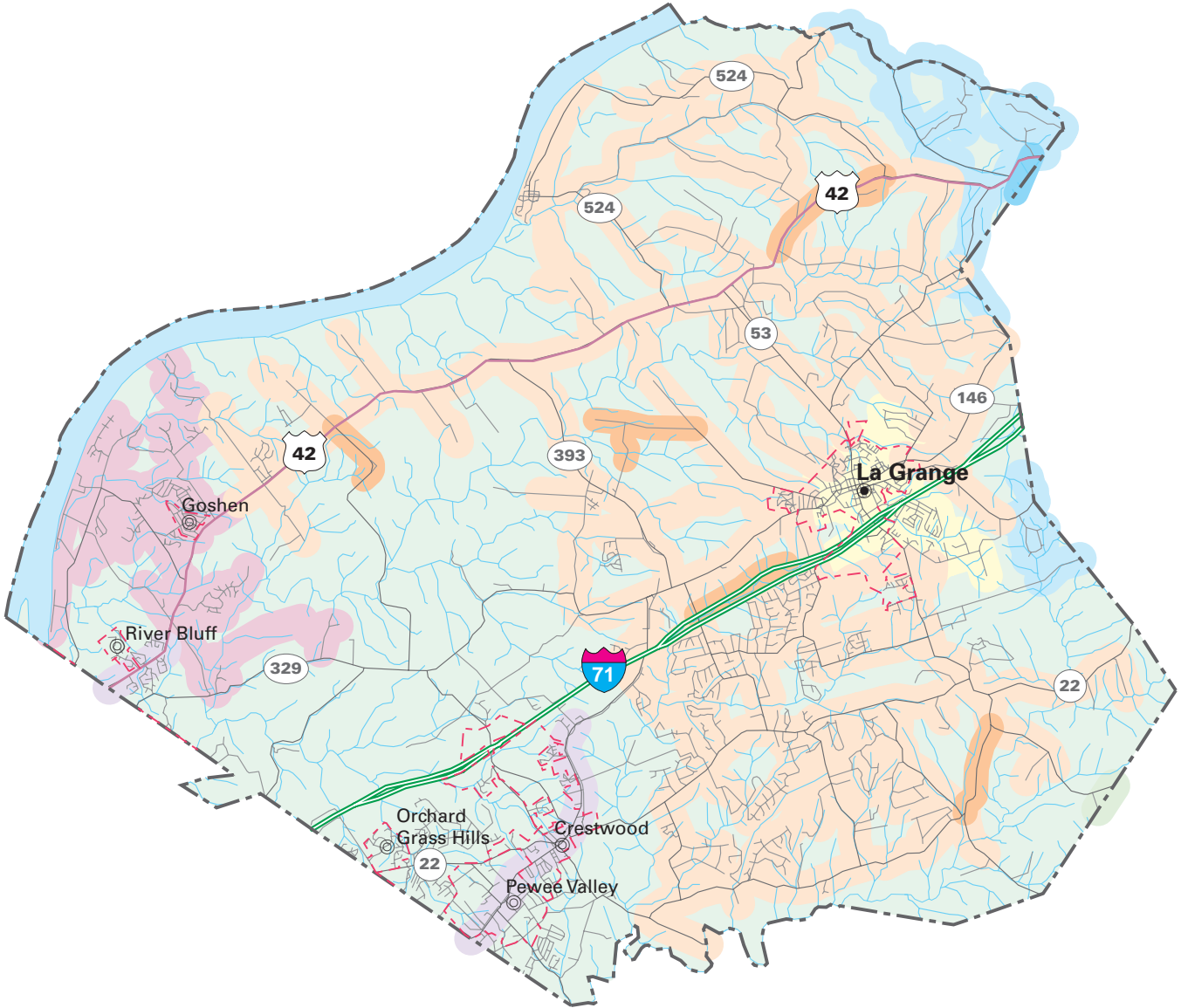
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WATER SERVICE STATUS BY OWNER

EXISTING SERVICE AREA	PROPOSED SERVICE AREA	
		OLDHAM COUNTY WATER DISTRICT
		NORTH SHELBY WATER COMPANY
		LOUISVILLE WATER COMPANY
		LAGRANGE UTILITIES
		HENRY COUNTY WATER DISTRICT NUMBER 2
		GOSHEN UTILITIES

PUBLIC WATER SYSTEMS

The residents of Oldham County are provided water by 5 systems: 3 municipal systems-- Goshen Utilities, LaGrange Water Commission, and Louisville Water Company; and 2 water districts--Oldham County Water District and Henry County Water District #2.

The L.W.C. and the H.C.W.D.#2 are the only suppliers outside the Oldham County area. The L.W.C. serves 3,600 customers in the eastern portion .The H.C.W.D.#2 serves 149 customers in western portion. Goshen Utilities, Inc. sells water on a retail basis to residents in and around the Goshen area.

OLDHAM COUNTY WATER DISTRICT

PWSID: 0930333
System Type:..... COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source:
Well Source: Yes
Sells Water to:LAGRANGE UTILITIES COMMISSION
Treatment Plant Capacity (MGD):..... 7.00
Percent Daily Average Production:..... 71.00
Total Tank Storage Capacity (gallons): 4,400,000.00
Total Service Connections: 5,357.00
Number of Employees:..... 8.00
Treatment Operator Class:2D
Distribution Operator Class:.....4B
Customer Rate for 1,000 Gallons:..... 2.76
O/M costs 1997: 886,060.00
O/M costs per Service Connection: 155.61
Net Revenue 1997: 352,167.00
Total Water Produced 1997 (gallons):..... 231,135,000.00
Water Sold 1997 (gallons): 1,072,369,500.00
Unaccounted-for Water 1997 (%): 11.43

The Oldham County Water District (O.C.W.D.) sells water on a wholesale basis to the city of La Grange, city of Goshen, and to the H.C.W.D.#2 (only 100,000 gallons per month).

The total annual volume of water required for these wholesale customers is 73 million gallons. The O.C.W.D. currently serves 5,400 customers in Oldham County and has unlimited source of water from the Ohio River for any future needs.

The O.C.W.D. has 8 full-time employees; 3 are certified water treatment operators, and 4 certified water distribution operators. This system is well managed and actively participates

in Water Supply Planning . The local officials and the water superintendent appear to have a cohesive, coordinated plan for the future growth of this county. There will also be industrial growth in the city of Buckner located around the I-71 corridor, which will require at least an additional 300,000,000 gallons per year.

GOSHEN UTILITIES INCORPORATED

PWSID: 0930235
System Type: COMMUNITY
Owner Type: PRIVATE
Surface Source:
Purchase Source: OLDHAM COUNTY WATER DISTRICT
Well Source: Yes
Sells Water to:
Treatment Plant Capacity (MGD): 0.80
Percent Daily Average Production: 36.00
Total Tank Storage Capacity (gallons): 700,000.00
Total Service Connections: 1,639.00
Number of Employees: 10.00
Treatment Operator Class: 2D
Distribution Operator Class: 3B
Customer Rate for 1,000 Gallons: 3.28
O/M costs 1997: 424,225.00
O/M costs per Service Connection: 258.83
Net Revenue 1997: 32,336.00
Total Water Produced 1997 (gallons): 165,065,000.00
Water Sold 1997 (gallons): 164,742,000.00
Unaccounted-for Water 1997 (%): 14.16

The city of Goshen is supplied water by the Goshen Utilities, Inc. The source of water for this system is the Ohio River aquifer in Oldham County. It has 3 wells with a capacity of 1 million GPD. There are 2 storage tanks with total storage capacity of 950,000 gallons. This system is privately owned, with the President serving as CEO and the Vice-President serving as manager/superintendent. They have 10 full-time employees, 4 of which are certified operators. This system supplies water to 1,600 households. There are no service gaps within or adjacent to their boundaries.

LAGRANGE UTILITIES COMMISSION

PWSID: 0930481
System Type: COMMUNITY
Owner Type: WATER DISTRICT
Surface Source:
Purchase Source: LAGRANGE UTILITIES
Well Source:
Sells Water to:

Treatment Plant Capacity (MGD):.....	0.00
Percent Daily Average Production:.....	0.00
Total Tank Storage Capacity (gallons):.....	500,000.00
Total Service Connections:	2,353.00
Number of Employees:.....	7.00
Treatment Operator Class:	2D
Distribution Operator Class:	
Customer Rate for 1,000 Gallons:.....	Not available
O/M costs 1997:.....	Not available
O/M costs per Service Connection:	Not available
Net Revenue 1997:	Not available
Total Water Produced 1997 (gallons):.....	Not available
Water Sold 1997 (gallons):.....	Not available
Unaccounted-for Water 1997 (%):	Not available

OTHER SYSTEMS

TARA SPRINGS

Tara Springs is located in Oldham County. The system serves a population of 25 and has 1 service connection. The private, community system has treatment capacity of 600 gallon per day. The water source is ground water from springs.

PRIVATE DOMESTIC SYSTEMS

About 2,750 residents of Oldham County rely on private domestic water supplies: 1,250 on wells, and 1,500 on other sources.

The alluvium along the Ohio River is the best source of ground water in the county. Many properly constructed drilled wells will produce several hundred gallons per minute from the alluvium, with most wells able to produce enough for a domestic supply at depths of less than 100 feet. Water is hard or very hard but otherwise of good quality.

In the main sections of the larger creek valleys, in some of the Ohio River bottoms, and on broad ridges in a limited area south of the towns of Skylight and Crestwood, most drilled wells will produce enough water for a domestic supply at depths of less than 100 feet. Some wells located in the smaller creek valleys and in some broad ridges in western and central Oldham County will produce enough water for a domestic supply except during dry weather. In the upland areas of the rest of Oldham County which encompasses approximately 50% of the county, most drilled wells will not produce enough water for a dependable domestic supply except along drainage lines, which may produce enough water except during dry

weather. Ground water in these areas is hard or very hard and may contain salt or hydrogen sulfide, especially at depths greater than 100 feet.
